

CLAIMS

What is claimed is:

[c01] A method of providing communications services, comprising the steps of:

receiving a first data stream at a computer, the first data stream comprising packets of data packetized according to a packet protocol;

segmenting the first data stream into segments according to a set of subscriber-specified rules stored in memory, the set of subscriber-specified rules specified by a subscriber to a subscription service, the set of subscriber-specified rules specifying how electronic data is formatted for the subscriber;

dispersing at least one segment via a network for a subsequent processing service;

receiving a result of the processing service;

assembling a second data stream, the second data stream comprising at least one of i) the result of the processing service and ii) another segment; and

communicating the second data stream via the network.

[c02] A method according to claim 1, further comprising the step of receiving a request for electronic data, the request for electronic data originating from a client communications device, and wherein second data stream fulfils the request for the electronic data.

[c03] A method according to claim 1, further comprising the step of communicating the second data stream to a client communications device.

[c04] A method according to claim 1, wherein the step of assembling the second data stream comprises assembling the second data stream according to the set of subscriber-specified rules stored in the memory.

- [c05] A method according to claim 1, wherein the step of communicating the second data stream comprises communicating the second data stream according to the set of subscriber-specified rules stored in the memory.
- [c06] A method according to claim 1, further comprising the step of processing a segment according to the set of subscriber-specified rules stored in the memory.
- [c07] A method according to claim 1, further comprising the step of accessing the set of subscriber-specified rules stored in the memory of a client communications device.
- [c08] A method according to claim 1, further comprising the step of inferring an action based upon the set of subscriber-specified rules.
- [c09] A method according to claim 1, further comprising the step of inferring a new rule based upon the set of subscriber-specified rules.
- [c10] A method according to claim 1, further comprising the step of requesting a new rule for a new situation.
- [c11] A system, comprising:

a Analysis module stored in a memory device, the Analysis module receiving a first data stream at a computer, the first data stream comprising packets of data packetized according to a packet protocol, the Analysis module segmenting the first data stream into segments according to a set of subscriber-specified rules stored in memory, the set of subscriber-specified rules specified by a subscriber to a subscription service, the set of subscriber-specified rules specifying how electronic data is formatted for the subscriber, the Analysis module dispersing at least one segment via a network for a subsequent processing service, the Analysis module receiving a result of the processing service, the Analysis module assembling a second data stream, the second data stream comprising at

least one of i) the result of the processing service and ii) another segment, the Analysis module communicating the second data stream via the network; and
a processor communicating with the memory device.

[c12] A computer program product, comprising:

a computer-readable medium; and

a Analysis module stored on the computer-readable medium, the Analysis module receiving a first data stream at a computer, the first data stream comprising packets of data packetized according to a packet protocol, the Analysis module segmenting the first data stream into segments according to a set of subscriber-specified rules stored in memory, the set of subscriber-specified rules specified by a subscriber to a subscription service, the set of subscriber-specified rules specifying how electronic data is formatted for the subscriber, the Analysis module dispersing at least one segment via a network for a subsequent processing service, the Analysis module receiving a result of the processing service, the Analysis module assembling a second data stream, the second data stream comprising at least one of i) the result of the processing service and ii) another segment, the Analysis module communicating the second data stream via the network.